

**CHESTER-LE-STREET  
RURAL DISTRICT COUNCIL**

**HEALTH DEPARTMENT  
172, FRONT STREET  
CHESTER-LE-STREET**

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**ANNUAL REPORT**

**OF THE**

**Medical Officer of Health**

**FOR THE YEAR 1967**

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**J. L. SIDDLE, M.B., B.S., D.P.H.**

**Medical Officer of Health**



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MEMBERS OF HEALTH AND GENERAL PURPOSES  
COMMITTEE, 1967

*Chairman:* Councillor R. SCOTT

Councillors:

Mrs. J. A. Bell, J.P.  
J. W. Bickle.  
Mrs. A. Black.  
Mrs. E. Brown.  
A. D. Brewis.  
J. Colman.  
J. Craggs.  
J. F. Dunn.  
Mrs. M. Fenwick.  
Dr. R. Fulton.  
E. S. Gill.  
W. Graham, M.B.E., J.P.  
E. Hall.  
Mrs. A. L. Hendry.  
J. R. Hogg.  
A. R. Hutchinson.  
J. J. Jobling, D.F.C.  
F. Keegan.  
W. V. King.  
Mrs. E. King.  
J. Lee.  
Mrs. D. A. Morris.

Councillors:

T. W. Mountain.  
Dr. H. A. F. Mackay.  
F. McKenna, J.P.  
E. McMillan.  
Mrs. F. Pegg.  
E. R. Pick.  
R. Pimlett.  
J. Pounder.  
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W. Showler.  
J. E. Stennett.  
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D. N. Tindall.  
R. H. Urwin.  
R. W. Walker.  
M. Whiteman.  
Mrs. F. O. Winn.  
J. W. Young.

## CHESTER-LE-STREET RURAL DISTRICT COUNCIL

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Health Department  
172, Front Street,  
Chester-le-Street.

*To the Chairman and Members of the Chester-le-Street Rural District Council.*

I have pleasure in presenting the Annual Report for 1967.

The vital statistics showed slight changes, the Birth Rate fell slightly as did the Death Rate. New notifications of tuberculosis were the lowest ever recorded. The Infantile Mortality Rate remained considerably lower than the figure for the County.

Regarding housing, it is to be noted that Improvement Grants have continued at much the same scale as previously, 221 houses having been dealt with during the year. There were 91 houses condemned during the year, and 558 new houses were built in the district.

Measles is the only infectious disease which continued to be notified in fairly large numbers, and the future use of vaccine will no doubt bring a big change in the number of cases.

I wish to thank the Chairman and Members of the Council for their continued help and support, and also the staff of the Department for their efforts and enthusiasm during the year.

I am, Ladies and Gentlemen,

Your Obedient Servant,

J. L. SIDDLE,

Medical Officer of Health

## ANNUAL HEALTH REPORT

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### PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

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*Medical Officer of Health*— (Joint Appointment with U.D.C. and Durham C.C.).

J. L. SIDDLE, M.B., B.S., D.P.H.

*Chief Public Health Inspector:* (Confirmed 28.9.67)—

ROBERT REID MacDOUGALL, M.A.P.H.I., A.R.S.H.,  
R.P., Certificate for the Inspection of Meat and Other  
Foods.

*Additional Public Health Inspector:*

ANTHONY WILLIS, M.A.P.H.I., M.R.S.H. (Qualified July  
1967) (Appointed October 1967).

*Retired:* C. W. ROBSON — 20.10.67.

*Resigned:* H. F. L. DAVIES — 20.11.67

*Clerical Staff:*

VICTOR MOORE.  
JEAN MILFORD.

*Rodent Officer:* JOHN CORKER.

## SECTION A.

### NATURAL AND SOCIAL CONDITIONS IN THE AREA

	1931	1966	1967
Area (acres) ... ..	26,925	22,226	22,226
Population ... ..	52,991	45,090	45,680
Persons per Acre ... ..	1.97	2.01	2.05
Inhabited Houses ... ..	12,026	15,231	15,585
Rateable Value ... ..	£173,350	£1,454,301	£1,502,193
Penny Rate Product ... ..	£635	£5,690	£5,699

\* Registrar General's mid-year estimate including members of the armed forces stationed in area.

The estimated population of the district rose by about 600. The continued building of houses in the area still continues to attract people from the more industrial areas adjoining.

The originally coal mining nature of the district is now almost completely changed. Only two collieries now remain working in the district.

#### Area

The area of the Rural District remains unchanged at 22,226 acres.

The density of the population for the year being 2.05 persons per acre.



Table 1.  
BIRTH RATE, DEATH RATE AND ANALYSIS OF MORTALITY DURING THE YEAR 1967.

Based on Registrar-General's Provisional Figures	Rate per 1,000 Home Population	Rate per 1,000 Total Births	Annual Death-Rate per 1,000 Home Population									Rate per 1,000 Live Births (Registered)
			All Causes	Acute Poliomyelitis and Polioencephalitis	Pneumonia	Whooping Cough	Diphtheria	T.B. (All Forms)	Influenza	Coronary	Cancer of Lung	
England and Wales ...	17.2	14.8	11.2	0.00	0.79	0.00	0.00	0.04	0.02	2.39	0.56	18.3
Durham County ...	17.0	15.5	10.9	0.00	0.50	0.00	0.00	0.06	0.008	2.6	0.55	20.7
Chester-le-Street R.D. ...	17.1	12.6	10.7	0.00	0.50	0.00	0.00	0.06	0.00	3.04	0.61	14.0
												Total deaths under one year



## VITAL STATISTICS

### Population

The Registrar General's estimated mid-year population for 1967 was 45,680.

The estimates for the past 10 years are given below:—

						<i>Reg. General's est. population</i>
1958	...	...	...	...	...	41,240
1959	...	...	...	...	...	41,550
1960	...	...	...	...	...	41,890
1961	...	...	...	...	...	41,240
1962	...	...	...	...	...	41,980
1963	...	...	...	...	...	43,090
1964	...	...	...	...	...	43,590
1965	...	...	...	...	...	44,310
1966	...	...	...	...	...	45,090
1967	...	...	...	...	...	45,680

figure given for the 1966 Sample Census was 44,070.

### Births

The Birth Rate fell from 18.2 in 1966 to 17.1 in 1967. Total live births were 820 for 1966 and 783 for 1967.

Live Births:—

Legitimate:	387 male, 351 female.	Total	738
Illegitimate:	26 male, 19 female	Total	45
		(5.8% of total births)	
		Total Births	783

Crude Birth Rate per 1,000 of the estimated resident population	...	...	...	...	...	17.1
Standardised Birth Rate per 1,000 population	...					17.1
Still births (4 female, 6 male). Rate per 1,000 total (live and still births)	...	...	...	...	...	12.6

## Deaths

Table 2.

The number of deaths during 1967 was 490 compared with 497 for 1966. The crude death rate being 10.7 for 1967, as compared with 11.0 for 1966.

CAUSE OF DEATH	AGE IN YEARS																							
	All ages		4 weeks and under																	75 & ov.				
			Under 4		4		1		5		15		25		35		45		55			65		
			M	F	wk	yr.	1	5	15	25	35	45	55	65	ov.									
Tuberculosis, Respiratory	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	—					
Meningococcal Infections	—	1	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—					
Other Infective and Parasitic Diseases ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—					
Malignant Neoplasm, Stomach	2	8	—	—	—	—	—	—	—	1	—	2	2	2	3	—	—	—	—					
Malignant Neoplasm, Lung, Bronchus ...	25	3	—	—	—	—	—	—	—	1	5	8	9	5	—	—	—	—	—					
Malignant Neoplasm, Breast	—	5	—	—	—	—	—	—	—	—	—	—	3	2	—	—	—	—	—					
Malignant Neoplasm, Uterus	—	2	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—					
Other Malignant and Lymphatic Neoplasms	24	16	—	—	—	—	—	—	—	1	4	13	9	13	—	—	—	—	—					
Leukaemia, Aleukaemia ...	3	—	—	—	—	—	—	1	—	—	—	—	1	—	1	—	—	—	—					
Diabetes ...	1	7	—	—	—	—	—	—	—	—	—	1	—	6	1	—	—	—	—					
Vascular Lesions of Nervous System ...	34	39	—	—	—	—	—	—	—	—	2	3	7	15	46	—	—	—	—					
Coronary Disease, Angina	87	52	—	—	—	—	—	—	—	—	4	12	22	53	48	—	—	—	—					
Hypertension with Heart Disease	6	5	—	—	—	—	—	—	—	—	—	1	—	5	5	—	—	—	—					
Other Heart Disease ...	12	11	—	—	—	—	—	—	—	—	—	2	3	5	13	—	—	—	—					
Other Circulatory Disease	8	8	—	—	—	—	—	—	—	1	—	—	3	12	—	—	—	—	—					
Pneumonia ...	15	8	2	1	—	3	—	—	—	—	1	3	6	10	—	—	—	—	—					
Bronchitis ...	20	1	—	—	—	—	—	—	—	—	—	2	4	10	5	—	—	—	—					
Other Diseases of Respiratory System ...	2	4	—	—	—	—	—	—	—	1	—	2	1	—	2	—	—	—	—					
Ulcer of Stomach & Duodenum	3	1	—	—	—	—	—	—	—	—	—	—	—	1	3	—	—	—	—					
Gastritis, Enteritis and Diarrhoea	1	4	1	—	—	1	—	—	—	—	—	—	—	2	2	—	—	—	—					
Nephritis and Nephrosis	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—					
Hyperplasia of Prostate ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—					
Congenital Malformations	4	2	3	—	1	4	—	—	—	—	1	1	—	—	—	—	—	—	—					
Other Defined and Ill-defined Diseases ...	12	22	2	—	—	2	—	1	—	2	6	8	15	—	—	—	—	—	—					
Motor Vehicle Accidents	7	1	—	—	—	—	3	—	2	1	—	1	1	—	—	—	—	—	—					
All Other Accidents ...	6	3	—	—	—	—	1	1	—	1	—	—	2	4	—	—	—	—	—					
Suicide ...	4	3	—	—	—	—	1	1	1	—	2	2	—	—	—	—	—	—	—					
Homicide & Operations of War	1	1	—	1	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—					
TOTAL ALL CAUSES Male	281	5	2	1	8	4	2	8	27	57	79	96	—	—	—	—	—	—	—					
Female	209	3	1	0	4	2	3	5	14	20	65	95	—	—	—	—	—	—	—					

Table 3.

The following were the chief causes of death during the year.

				1966		1967	
				<i>No. of deaths</i>	<i>% of total deaths</i>	<i>No. of deaths</i>	<i>% of total deaths</i>
1. Diseases of heart and circulatory system	...	257	51.7	262	53.5		
2. Cancer	... ..	79	15.8	88	18.0		
3. Respiratory Diseases	...	85	17.1	50	10.2		
4. Violence (8 Road traffic deaths, 11 other vio- lent causes, 7 suicide)	...	25	5.0	26	5.3		
5. Tuberculosis (all forms)	...	3	0.6	3	0.5		

### Chief Causes of Death

1. The main causes of death continue to come under the heading of Diseases of the Heart and Circulatory System. The proportion of the total deaths being 53.5% as compared with 51.7% in 1966.

More than half of these deaths were due to Coronary Disease (139 out of 262).

2. Cancer has again returned to occupy second place on the list of causes of death, displacing respiratory diseases. Out of the 88 deaths from Cancer, 28 were due to Cancer of the lung (25 males — 3 females).

3. Respiratory Diseases occupied third place, being responsible for 50 deaths as compared with 85 in 1966.

4. Violent deaths number one more than in 1966 (i.e. 26). Of these deaths 7 were suicides (4 in 1966), and 8 motor vehicle accidents, being the same as for the previous year.

## Infantile Mortality

The number of deaths of children under one year of age was 11, being the same figure as for 1966. The Infant Mortality Rate was therefore 14.0 (1966 figure was 13.4). Although it is very slightly higher than last year it is a figure which had not been attained until last year.

				Infant			
				Mortality	Perinatal	Neonatal	Still birth
1957	...	...	...	38	52.8	27.2	30.8
1958	...	...	...	33	46.4	28.5	23.2
1959	...	...	...	37	53.7	25.5	31.9
1960	...	...	...	22	34.7	13.3	21.7
1961	...	...	...	23	33.9	13.1	27.0
1962	...	...	...	20.9	27.1	14.4	15.5
1963	...	...	...	22.6	49.0	18.6	30.9
1964	...	...	...	28.8	41.7	21.3	20.8
1965	...	...	...	20.5	39.0	20.5	18.8
1966	...	...	...	13.4	15.7	9.8	8.5
1967	...	...	...	14.0	18.9	10.2	12.6

Infant Mortality Rate for a district: The number of deaths in that district of infants under 1 year of age, calculated per 1,000 live births.

Still Birth Rate: The number of still births expressed per 1,000 total births (live and still births).

Neonatal Mortality Rate: The number of deaths in infants under 4 weeks of age, expressed per 1,000 live births.

Perinatal Mortality Rate: The combined still births and deaths in the first week of life, expressed as a rate per 1,000 total births (live and still births).

## Infant Death Analysis

Of the 11 deaths, 8 took place before the age of 4 weeks. 5 were due to some form of infection, and could therefore be looked upon as preventable deaths. In only one case was prematurity given as being responsible for the death.

Table 4.

## INFANT DEATHS ANALYSIS—1967.

Cause of Death	Under Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 4 Weeks	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under 1 year
Homicide ... ..	—	—	—	—	—	1	—	—	—	1
Pneumonia ... ..	1	—	1	—	2	1	—	—	—	3
Enterocolitis ... ..	—	1	—	—	1	—	—	—	—	1
Congenital Malformation ...	3	—	—	—	3	—	—	—	—	3
Accidents ... ..	—	—	—	1	1	—	—	—	—	1
Meningococcal Infection ...	—	—	—	—	—	—	1	—	—	1
Prematurity ... ..	1	—	—	—	1	—	—	—	—	1
Total ... ..	5	1	1	1	8	2	1	—	—	11



## SECTION B.

### GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA

#### (1) Laboratory Services Available

1. Durham Group of Hospitals — Department of Pathology.
2. Public Health Laboratory — General Hospital, Westgate Road, Newcastle upon Tyne.
3. County Analyst, County Hall, Durham.

#### (2) Local Health Authority Services

The Administrative County is divided up into areas, Chester-le-Street Urban and Rural Districts forming No. 4 Area. For each area a Health Sub-Committee has been appointed to exercise on behalf of the County Health Committee, certain functions relating to services under the National Health Services Act, 1946.

All day-to-day administration of the County Service is carried out by County Headquarters. The Assistant County Medical Officer deputises for the County Medical Officer of Health at quarterly meetings of the Area Sub-Committee.

##### (a) Health Visitor Service:

There are 6 Health Visitors employed by the County Council working in the Chester-le-Street Rural District. A survey of the work done by them is given below:—

##### *Visits paid to:—*

Maternity and Child Welfare	...	...	...	...	...	11,388
Tuberculosis	...	...	...	...	...	257
School Work	...	...	...	...	...	250
General Health	...	...	...	...	...	235
Mental Deficiency	...	...	...	...	...	306
Aged People	...	...	...	...	...	1,226

##### *Summary:—*

Ineffective Visits	...	...	...	...	...	2,267
Total number of Visits	...	...	...	...	...	15,929
Number of Effective Visits	...	...	...	...	...	13,662
Time (as days) spent on Visits (Routine, other and ineffective)	...	...	...	...	...	743
Average Daily number of Effective Visits per Health Visitor	...	...	...	...	...	18

<i>Clinics, etc., Work:—</i>	<i>Time (as days) Spent:</i>
(a) at Maternal and Child Welfare Centre ... ..	589
(b) at Chest Clinics and contact sessions ... ..	19
(c) at School Head to Head Inspections ... ..	8
(d) at School Medical Inspections ... ..	4
(e) at Nursery Schools ... ..	1

*(b) Clinics*

In the Rural District during the year the County Council had three clinics which were utilised in connection with local health authority services in the district. In some cases the clinics held in the Urban District are more convenient for certain of the rural district inhabitants so that these have been included in the table shown.

Address of Centre	Sessions
Hexham Villa, Birtley. Telephone 2752.	Child Welfare ... Friday weekly Birth Control ... Alternate Monday after- Post-Natal and noons Ante-Natal ... Vaccination and Immunisation ... Alternate Monday mornings Dental Clinic ... 1st and 3rd Friday after- noons 1-30—2-30. Ultra Violet Ray. Friday afternoons weekly.
Mains Farm House, West Lane, Chester-le-Street. Telephone 3286	Child Welfare ... Tuesdays weekly and alter- nate Wednesdays. Ante-Natal ... Alternate Wednesday mornings. Birth Control ... Alternate Wednesday Post-Natal afternoons. Health Visitor Clinics ... Alternate Thursdays. Health Education and Relaxation Classes ... Monday afternoon weekly.
Miners' Welfare Hall, Ouston Lane, Pelton.	Health Visitor Alternate Wednesday Clinics ... mornings. Child Welfare ... Alternate Wednesdays.
Old Relief Office, Front Street, Sacriston.	Child Welfare ... Alternate Wednesdays.



(c) *Welfare Foods*

DISTRIBUTION OF WELFARE FOODS

National Dried milk, orange juice, cod liver oil and vitamin tablets are distributed from centres in the area as shown.

<i>Address of Centre</i>	<i>Sessions</i>
Hexham Villa, Birtley. Tel. 52. ...	Alternate Mondays and Fridays weekly 10 a.m. to 12 noon and 2 p.m. to 4 p.m.
Old Relief Office, Front Street, Sacriston ... ..	Alternate Wednesdays, 10 a.m. to 12 noon and 1-30 to 3-30 p.m.
Miners' Welfare Hall, Perkinsville ...	Tuesday: 2 p.m. to 4 p.m.
Miners' Welfare Hall, West Pelton	Wednesday: 10 a.m. to 12 noon and 2 p.m. to 4 p.m.
Post Office, Great Lumley ... ..	Every Day, 9 a.m. to 5 p.m.
Miners' Welfare Hall, Kibblesworth	3rd Wednesday every month: 10 a.m. to 12 noon.
Chester-le-Street, Mains House. West Lane ... ..	Tuesday and Friday all day.
Church Hall, Fatfield ... ..	Alternate Wednesdays 2 p.m. to 4 p.m.

(4) **Welfare Foods Service**

National	Cod Liver	Vitamin	Orange
Dried	Oil	Tablets	Juice
Milk Tins	Bottles	Packets	Bottles
4969	976	480	7418

(d) *Domiciliary Midwifery and Home Nursing Services*

The following statements give details of the work done and the staff employed:—

## HOME NURSING

STAFF	NEW CASES	VISITS PAID	
3 District Midwives	Medical	456	
	Surgical	163	
	Infectious Disease	—	
	Tuberculosis	31	
	Maternal Complications	4	
5 District Nurses	Medical	11,772	4235
	Surgical	—	—
	Infectious Diseases	2047	55
	Tuberculosis	294	Others
	Maternal Complications	163	¶Visits to patients under 5 years
	¶Patients under five	17	¶Visits for injections only (all ages)
	¶Patients over 65 years	350	¶Visits to Patients over 65 years
		11294	
		17	
		163	
		9203	

## MIDWIFERY

Midwifery Cases	Maternity Cases	Hospital Discharges
181	12	218

(f) *Maternity and Child Welfare*

Centres	ANTE-NATAL		CHILDREN					
	No on books	Attend-ances	No. on books			Attendance		
			Years of age			Years of age		
			0/1	1/2	2/5	0/1	1/2	2/5
Birtley ...	7	15	221	262	353	2567	621	452
Sacriston	—	—	105	132	245	1323	372	352
West Pelton	13	55	172	134	182	1315	253	217
Totals	20	70	498	528	780	5205	1246	1021

Centre	BIRTH CONTROL		POST-NATAL		U-VIOLET RAY	
	No on books	Attend-ances	No on books	Attend-ances	No on books	Attend-ances
Birtley	...	...	42	128	1	47

(e) *Ambulance Service* including Chester-le-Street U.D.C.

The Chester-le-Street Rural District Council is served principally by the ambulance depot situated at Osborne Road, Chester-le-Street.

This Depot has an establishment of 1 Depot Superintendent, 4 Senior drivers, 13 drivers with 7 vehicles—five of them are dual purpose.

There is a 24-hour coverage from this Depot, but in case of emergency, a service is supplied from other Depots. Overall control is exercised by Central Control at Durham, whereby a system of direct telephone lines and radio, close supervision is kept of vehicles operating in all parts of the county, thus enabling any area to be reinforced as necessary.

All requests for ambulance transport in the area should be made to Central Control at Durham where a 24-hour service is maintained. Telephone Durham 4488.

The following table shows the work undertaken by the Chester-le-Street depot during the year, but it should be noted that these figures will include patients from areas other than the Rural District and that the conveyance of patients residing in the rural district is not restricted to the Chester-le-Street Depot, but may be undertaken by vehicles from other depots passing through the area.

No. of Journeys	Patients carried		Total	Mileage
	Stretcher	Sitting		
6,346	2,811	20,690	23,501	145,071

(f) *Domestic Help*

Domestic Helps are provided by the County Council where necessary in cases of sickness, childbirth, infirmity or other household emergencies.

**Domestic Help cases during 1967**

Cases attended 1.1.67	...	...	...	...	...	373
New cases during year	...	...	...	...	...	235
Cases terminated	...	...	...	...	...	158
Cases attended on 31.12.67	...	...	...	...	...	450
Number of Home Helps employed 31.12.67	...	...	...	...	...	147

**Number of cases provided during year:**

(a) Maternity (including expectant mothers)	...	...	...	...	...	5
(b) Tuberculosis	...	...	...	...	...	4
(c) Chronic sick (including aged and infirm)	...	...	...	...	...	588
(d) Others	...	...	...	...	...	11

(g) *Prevention of Illness Care and Aftercare*

Under this section of the National Health Service Act the Durham County Council supply nursing requisites on loan to those needing them. A fee is charged, the assessment of which depends on income and the type of article borrowed.

(h) *School Health Service*

The School Health Service is run by the Durham County Council from the headquarters in Durham City.

The clinic for the bulk of Chester-le-Street Rural District school children is in Birtley. The clinic is open daily and is attended on Monday and Wednesday by a School Medical Officer.

Routine medical inspections of children are carried out in the schools by a School Medical Officer.

**(3) Hospital Services**

The population of the district is in the main dealt with by the Durham Group of Hospitals.

None of the hospitals is sited in the Rural District but the General Hospital and Infectious Diseases Hospital are in the adjoining Urban District of Chester-le-Street.



#### **(4) Executive Council Service**

The executive council for the County of Durham is responsible for the administration and general management of the Family Practitioner Services in the District.

The Practitioner Services include the Family Doctor Service, the Dental Service, the Eye Service and the Pharmaceutical Service, all of which provide the patient with the individual medical attention that he needs.

#### **(5) Health Education**

The County Council Health Education Section now makes available to County Staff in the districts various visual aids — projectors and screens, posters, photographs, flannelgraphs, etc.

Material is supplied each month to the various Maternity and Child Welfare Centres. A new topic is selected each month, so that over the year it is possible to cover a variety of important and topical subjects.

The Officers of the Rural District Health Department continued to do their share of educating the public mainly in the normal course of their work in personal interviews.

Posters and leaflets etc., were distributed as in the past.

### **SERVICES UNDER THE NATIONAL ASSISTANCE ACT**

**1948**

#### **Meals on Wheels**

The service continued to expand during 1967. The number of meals provided increased from 11,443 in 1966 to 14,797.

One additional van was put into operation during the year (June), so that at the end of 1967 three vans with paid drivers were covering the district.

As in the past, voluntary helpers continued to assist with this service.

The introduction of disposable containers for the meals resulted in a reduction in the work the voluntary helpers were required to do, and did, it is felt, help in keeping the voluntary help at a satisfactory level.

## **Luncheon Clubs**

The continued success of the Clubs is shown by the increased number of meals provided. The number was 17,472 meals in 1966 and this grew to 23,243 meals in 1967.

Only one new club was started during the year (making 12 in all); this was at Fatfield, in the Community Centre.

As the number of meals grows, so does the difficulty in obtaining meals from outside sources. However, industrial canteens and the Durham County Council Meals Service continued to help out, and so permit the service to grow.

Further expansion will, I feel, only be achieved by having our own cooking facilities adequate to cope with the growing demands.

## **Voluntary Help**

When new luncheon clubs are opened, or when the Meals on Wheels Service is expanded, additional voluntary help is needed.

In all cases where this need has arisen there has been an adequate supply of volunteers.

As the service continues to expand one feels that saturation point must eventually be reached. Fortunately this does not appear to have happened yet, and one can only hope that it does not do so in the too near future.

Meanwhile thanks must be extended to all the voluntary helpers for their part in providing these services for the aged.

## **Chiropody for the Aged**

The schemes in the various parts of the district have continued throughout the year with some changes in place of work, etc.

These schemes are run by voluntary organisations, with the aid of a grant from Durham County Council.

No charge is now made to the old person having treatment.

## S E C T I O N C .

### SANITARY CIRCUMSTANCES OF THE AREA.

#### (1) Water

Water is supplied to the district by three water undertakings: Newcastle and Gateshead Water Co., Sunderland and South Shields and Durham County Water Board.

Regular sampling of the supplies by the Public Health Inspectors gave the following results:—

Samples Durham County Water Board: 5 Satisfactory

Sample other undertakings: 15 Satisfactory.

#### (2) Chemical Analysis

When necessary samples are sent to the Public Analyst for chemical analysis, and if the results require it, action is taken.



### **(3) Public Cleansing**

The service continued satisfactorily during 1967.

### **(4) Inspection of the Area by Public Health Inspectors**

Again nuisances under the Public Health Act have been largely abated by persuasion, it being necessary to serve two formal notices; 23 informal notices were served.

### **(5) Petroleum Consolidated Act, 1928**

The Public Health Inspectors are the responsible figures in connection with this Act.

Forty-six licences were issued during the year for the storage of 113,024 gallons of petrol. Two licences were issued for the storage of 1,470 tons 28 lbs. of calcium carbide. Two licences have been issued for 56 gallons of naphtha.

### **Miscellaneous Licences Issued**

1. Pet Animals Act, 1951.
5. Animal Boarding Establishments Act, 1963.
30. Scrap Metal Dealers Act, 1964.

## INSPECTION OF THE AREA

Table 5

## General Summary of Public Health Inspectors

	No. of Inspections	No. of Informal Notices Served	No. of Statutory Notices Served	Defects Remedied after Notice	Legal Proceedings & General Remarks
Housing	1326	23	2	74	
Drainage	510	—	—	—	
Water Supply	28	—	—	—	
Factories	692	2	—	2	
Tents and Vans, etc	98	—	—	—	
Food Premises	3200	—	—	—	
Food Inspections	2900	—	—	—	
Keeping of Animals	75	—	—	—	
Offensive Accumulations	6	—	—	—	
Clean Air Act	40	2	—	2	
Rodent Control, etc.	1300	—	—	—	
Infestations	321	—	—	—	
Infectious Disease and Poisoning	80	—	—	—	
Food Vehicles and Stalls	55	—	—	—	
Pet Animals Act	20	—	—	—	
Offices, Shops and Railway Premises Act	209	—	—	—	
Improvement Grants	1326	—	—	—	
TOTALS	12186	27	2	78	—

## Summary of Works carried out

Table 6.

Summary of Works carried out:

Defective roof	...	...	...	...	...	11
„ brickwork	...	...	...	...	...	1
„ Yard surface			...	...	...	1
„ fireplace	...	...	...	...	...	1
„ floors	...	...	...	...	...	3
„ walls	...	...	...	...	...	9
„ ceiling plaster	...	...	...	...	...	6
„ window frames	...	...	...	...	...	5
„ eaves, gutters, etc	...	...	...	...	...	4
„ drains	...	...	...	...	...	1
„ W.C.	...	...	...	...	...	5
„ Waste Water Pipe	...	...	...	...	...	5
„ chimney stacks	...	...	...	...	...	2
„ pointing	...	...	...	...	...	5
„ wall plaster	...	...	...	...	...	1
„ window cords	...	...	...	...	...	2
Dampness	...	...	...	...	...	11

Table 7

**(6) Rats and Mice (Prevention and Damage by Pests Act 1949)**

		Local Auth'ty	Dwelling Houses (inc. Council Houses)	All Other B'ness P'mses	Total of Cols. (1) & (3)	Agri- cul- tural
I.		(1)	(2)	(3)	(4)	(5)
Number of Properties in District	... ..	105	16,798	1,108	18,011	176
II.						
(a) Total number of proper- ties (including nearby prem- ises) inspected following notification	... ..	—	—	—	545	28
(b) Number Infested by						
(i) Rats	... ..	—	—	—	400	28
(ii) Mice	... ..	—	—	—	145	—
III.						
(a) Total number of proper- ties inspected for rat and/ or mice for reasons other than notification	... ..	—	—	—	—	7
(b) Number infested by						
(i) Rats	... ..	—	—	—	—	7
(ii) Mice	... ..	—	—	—	—	—

The general condition of the area is reasonably satisfactory.

Leaflets illustrating methods for householders, and detailing the provisions of the Act, together with the Threshing and Dismantling of Ricks Regulations 1950, are available from the Health Department.

## (7) Swimming Baths and Pools

There are two Public Swimming Baths in the District — Lambton Baths and Birtley — the latter being uncovered.

Both use mains water and have filtration and chlorination plants.

Nineteen samples were taken at the baths; 19 satisfactory.

## (8) Disinfestation, Eradication of Bed Bugs, Flies, Red Mite, etc.

107 treatments were carried out during the year.

## (9) Atmospheric Pollution

Informal action, by the Public Health Inspectors, was taken in connection with the emission of grit, dust and smoke, and chimney heights calculated for new factories.

# FACTORIES ACT 1961

## Part 1 of the Act

1. Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of Inspec- tions	Written notice	Occu- piers prose- cuted
(1) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities ... ..	11	126	—	—
(2) Factories not included in (1) in which Section 7 is enforced by the Authority ... ..	76	382	2	—
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	27	184	—	—
<b>TOTAL ...</b>	<b>114</b>	<b>692</b>	<b>2</b>	<b>—</b>

# **(11) Offices, Shops and Railway Premises Act, 1963**

The Offices, Shops and Railway Premises Act 1963, contains provisions, some of which came into force in 1964, and others became operative later.

The tables below indicate the premises and personnel affected and the extent to which it has been possible for the Public Health Inspectors, who have been designated as the Officers under the Act to carry out inspections during 1967.

**TABLE A—**

Offices	...	...	...	...	44
Wholesale Shops, etc	...	...	...	...	7
Retail Shops	...	...	...	...	141
Catering Establishments	...	...	...	...	40
Fuel Storage Depots	...	...	...	...	1
Total					<hr/> 233 <hr/>

**TABLE B—**

Number of visits of Inspectors to registered premises	...	...	...	...	209
---	-----	-----	-----	-----	-----

**TABLE C—(Persons Employed)—**

Offices	...	...	...	...	1510
Retail Shops	...	...	...	...	574
Wholesale Shops and Warehouses	...	...	...	...	180
Catering Establishments open to the Public	...	...	...	...	229
Fuel Storage Depots	...	...	...	...	2
Canteens	...	...	...	...	33
Total					<hr/> 2,528 <hr/>



## SECTION D .

### HOUSING

Housing statistics for the year are given below; firstly showing action taken during the year with regard to existing properties, secondly figures for completion of new houses, and lastly allocation of houses.

#### Housing Statistics

#### III. Action under Statutory Powers during the year :—

##### A—Proceedings under Public Health Acts:—

- (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... .. 23
- (2) (a) Number of dwelling-houses in which defects were remedied after serving formal notices ... 2
- (b) By local authority in default of owners ... —

##### B—Proceedings under section 16 and 17 of the Housing Act, 1957:—

- (1) Number of dwelling-houses in respect of which Demolition Orders made ... .. 55
- (2) Number of dwelling-houses demolished in respect of pursuance of Demolition Orders ... 261
- (3) Number of dwelling-houses in respect of which a Closing Order was made ... .. 2



### New Houses and Re-lets

Building of Council houses commenced in 1947 after the War, and the following is the progress:

Table 8

	1947-57-58	1959	1960	1961	1962	1963	1964	1965	1966	1967	Total
New Permanent Houses (including Flats) ...	2250	32	38	102	266	146	55	128	352	202	3571
Temporary Houses ...	101	0	0	0	0	0	0	0	0	0	101
Re-lets ...	976	104	112	70	195	205	205	200	256	235	2558
	<u>3327</u>	<u>136</u>	<u>150</u>	<u>172</u>	<u>461</u>	<u>351</u>	<u>260</u>	<u>328</u>	<u>608</u>	<u>437</u>	<u>6230</u>

Table 8

### Allocation of Houses during the Year List

A. Direct Overcrowding	...	...	...	...	...	...	43
AI. Lacking Amenities	...	...	...	...	...	...	23
B. Length of time married and living in	...	...	...	...	...	...	56
C. Dangerous property	...	...	...	...	...	...	—
M.O.H. recommendation	...	...	...	...	...	...	17
Homeless of Eviction	...	...	...	...	...	...	4
Condemned Property	...	...	...	...	...	...	107
Aged Persons' list	...	...	...	...	...	...	156
Single Persons' list	...	...	...	...	...	...	7
Council resolutions	...	...	...	...	...	...	17
Key workers	...	...	...	...	...	...	4
Transfers (to new houses)	...	...	...	...	...	...	5
							<hr/> 439 <hr/>

In addition to the above there were 98 transfers and 50 exchanges granted, involving 102 families, largely relieving overcrowding, on health grounds, economic reasons, and to place people nearer to work.

The figures showing the allocation of houses during the year have been supplied by the Housing Manager.

### New Houses in the District

During the year there were 202 new Council Houses completed in the district.

Private houses completed in the district numbered 356.

### Rehousing from Condemned Property

There were 107 families rehoused from condemned property during 1967. In 1966 the number was 164.

The figures since 1954 are given below, showing a total of 1,237 rehoused by the council from condemned property.

1954	...	...	...	...	12
1955	...	...	...	...	36
1956	...	...	...	...	57
1957	...	...	...	...	228
1958	...	...	...	...	95
1959	...	...	...	...	5
1960	...	...	...	...	3
1961	...	...	...	...	96
1962	...	...	...	...	195
1963	...	...	...	...	120
1964	...	...	...	...	69
1965	...	...	...	...	50
1966	...	...	...	...	164
1967	...	...	...	...	107
Total for 14 years					<u>1,237</u>

### Condemnation of Unfit Houses

The total number of houses condemned during the year was as under:—

Individual unfit 55

Figures for the past fourteen years are given below:—

Year					Number of individual houses condemned
1954	...	...	...	...	17
1955	...	...	...	...	50
1956	...	...	...	...	120
1957	...	...	...	...	211
1958	...	...	...	...	30
1959	...	...	...	...	106
1960	...	...	...	...	86
1961	...	...	...	...	210
1962	...	...	...	...	63
1963	...	...	...	...	66
1964	...	...	...	...	64
1965	...	...	...	...	114
1966	...	...	...	...	136
1967	...	...	...	...	55
					<u>1,328</u>
					183 Clearance Areas (1959, 1962, 1963 and 1967)
Total					<u>1,511</u>

## Improvements Grant

Total grants during 1967 numbered 221 as compared with 188 in 1966.

Grants agreed since the scheme started are as follows:—

	1956-59	1960	1961	1962	1963	1964	1965	1966	1967	Total
Discretionary Grants	64	7	30	70	64	79	94	104	119	631
Standard grants	70	113	96	98	87	110	128	84	102	888
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	134	120	126	168	151	189	222	188	221	1519
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

## Medical Priority Rehousing

Cases investigated claiming medical priority for rehousing numbered 218.

The result of the investigations were as follows:—

	Grounds for claiming priority
	T.B. Other Diseases
Number recommended for Re-housing to the Housing Committee	... .. — 84
Number granted priority rehousing or passed to Local Committees for consideration	... .. — 83

## Caravans

Number of licensed residential caravan sites: Six.

## SECTION E.

### INSPECTION AND SUPERVISION OF FOOD

#### Milk

On the register at 31st December, 1967—

(a) Milk and Dairies Regulations, 1949

Dairies (not dairy farms) ... .. 2

The Licensing Authority for designated milk is now the County Council. Samples are taken by the County Inspectors for testing to see if the milk conforms to the necessary standard.

#### Ice Cream

Premises registered for Ice Cream and Storage: 167

Samples of ice cream were sent for bacteriological examination to the Public Health Laboratory, as in previous years.

#### Food Premises

There are 292 food premises in the district, classified as under:

#### Number of Other Food Premises in the Area

Restaurants and Canteens	...	...	...	...	11
Cafes and Snack Bars	...	...	...	...	3

## Shops

Butchers	...	...	...	...	...	...	17
General Dealers/Grocers	...	...	...	...	...	...	148
Greengrocers	...	...	...	...	...	...	6
Confectionery	...	...	...	...	...	...	26
Wet Fish	...	...	...	...	...	...	3
Fried Fish	...	...	...	...	...	...	25
Licensed Premises (Hotels and Bars, including Workmen's Clubs)	...	...	...	...	...	...	67
							<hr/> 292

Premises manufacturing Sausages, Potted Meat and Preserved Foods number: 61.

## **Education of Food Handlers**

Further courses of instruction in Hygienic Food Handling were held in co-operation with Durham Technical College.

These were brought to the notice of the persons responsible for the various food handling premises in the district in an effort to persuade them to send members of their staff.

## **MEAT INSPECTION**

Number of Licensed slaughterhouses ...	...	1
--	-----	---

Number of Licensed slaughtermen ...	...	2
-------------------------------------	-----	---

There were 610 animals slaughtered in the only operating slaughterhouse in the district.

All the carcasses were inspected by the Public Health Inspectors.



Table 9

**Carcases and Offal and condemned in whole or in part**

	Cattle excluding Cows			Cows	Calves	Sheep and Lambs	Pigs Horses	
No. killed (if known)	125	7	—	352	126	—		
No. Inspected	... ..	125	7	—	352	126	—	
<i>All Diseases except Tuberculosis and Cysticerci—</i>								
Whole carcasses condemned	—	—	—	—	—	—	—	
Carcases of which some part or organ was condemned	32	—	—	—	—	—	—	
Percentage of the No. inspected affected with disease other than tuberculosis and cysti- cerci	... ..	21.0	—	—	—	—	—	
<i>Tuberculosis only—</i>								
Whole carcasses condemned	—	—	—	—	—	—	—	
Carcases of which some part or organ was condemned	—	—	—	—	—	—	—	
Percentage of the No. Inspected affected with tuberculosis	—	—	—	—	—	—	—	

The following meat and other foods were condemned and dealt with in accordance with the instructions of the Ministry of Food:—

					lbs. ozs.
Bovine Liver	...	...	...	...	416 0

Other Foods:—

Tinned Tomatoes	...	...	...	...	1099 12
Tinned Meat	...	...	...	...	2676 0
Tinned Vegetables	...	...	...	...	2749 4
Tinned Fruit	...	...	...	...	4905 0
Tinned Milk	...	...	...	...	347 0
Tinned Fish	...	...	...	...	300 0
Tinned Soup	...	...	...	...	91 0
Dried Fruit	...	...	...	...	3 0
Cereal	...	...	...	...	11 12
Bacon	...	...	...	...	56 0
Assorted Foodstuffs	...	...	...	...	128 0

---

12,366 14

---

Total: 5 tons, 10 cwts., 3 sts., 4 lbs., 14 ozs.

## SECTION F.

### PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

The fall in the number of notifications from 302 in 1966 to 258 in 1967, was due mainly to the decline in measles notifications.

#### Scarlet Fever

There were 10 notifications during the year—this was also the figure for the previous year.

#### Diphtheria

No notifications were received—this was the 12th successive year since the receipt of a notification.

#### Immunisations against Diphtheria

The figures for diphtheria immunisation during the year were as follows:—

0—4 years	...	...	...	...	554
Over 4 years	...	...	...	...	185
				Total	<hr/> 739

Boosters                   ...   ...   ...   ...   ...   ...   705

## Poliomyelitis

There were no cases of poliomyelitis notified during the year.

## Poliomyelitis Vaccination

Most of the vaccination against poliomyelitis is now carried out by the oral vaccine. Parents who, in the past were loath to subject their children to the 'needle' are now quite happy that their child should have a 'sugar lump.'

0—4 years	...	...	...	...	618
Over 4 years	...	...	...	...	238
					<hr/> 856
Boosters	...	...	...	...	504

## Measles

Notifications numbered 222 as compared with 245 in 1966. The notifications have been spread out fairly evenly over the year, quite unlike the pattern of a few years ago when all the cases occurred in a few months.

---

Notification of Measles										
	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
No. of Cases	10	566	31	681	27	478	127	709	245	222

---

## Whooping Cough

Only five cases were notified — the figure for 1966 was 20.

---

Notification of Whooping Cough.										
	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
No. of Cases	91	53	64	31	13	16	18	8	20	5

---

## Whooping Cough Immunisation

There were 577 courses of treatment given during the year.

0—4 years	...	...	...	...	546
Over 4 years	...	...	...	...	31
					<hr/> 577

Boosters	...	...	...	...	...	403
----------	-----	-----	-----	-----	-----	-----

## Smallpox Vaccination

During the year vaccination against smallpox in the district was as follows:—

Primary	...	...	...	...	346
Re-vaccination	...	...	...	...	3

## Sonne Dysentery

Isolated cases of Sonne Dysentery occurred during the Spring of the year; no major outbreaks were notified.

## Tuberculosis (Pulmonary)

There were three deaths during the year and nine new cases were notified. The number notified was approximately half of the figure for 1966, and is the smallest number shown in the records.

### Notifications and Deaths due to Pulmonary Tuberculosis

	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
No. of Cases	41	22	26	10	25	13	10	10	17	9
Deaths	5	5	3	3	2	3	4	2	3	3

## Tetanus Immunisation

There were 754 courses of treatment given during the year.

0—4 years	...	...	...	...	555
Over 4 years	...	...	...	...	199
					<hr/> 754

Boosters	...	...	...	...	...	699
----------	-----	-----	-----	-----	-----	-----

## CHESTER-LE-STREET RURAL DISTRICT

### B.C.G. Vaccination

#### B.C.G.

Given below are the figures for the last scheme carried out in the district.

#### Schoolchildren

This has now been carried out in Birtley since 1955—the thirteenth year. In the rest of the district 1967 was the twelfth year.

School					Number Tuberculin Tested	Number Positive	Per cent Positive	Number Vaccinated
Birtley	R.C.	Senior	School	...	15	1	6.6	11
Birtley	George	Street	Modern		28	9	32.1	16
Birtley	East	Modern		...	65	14	21.5	48
Sacriston	Modern			...	47	8	17.0	34
Fencehouses	Modern			...	52	2	4.0	43
Pelton	Roseberry	Modern		...	77	8	10.4	60
Pelton	Modern			...	66	10	15.1	52
Birtley	South	Modern		...	115	30	26.0	78
TOTALS					465	82	17.6	342



Table 10

Age at Death	1967	%
Under 1 year	11	2.3
1—4 years	1	0.2
5—14 years	—	—
15—24 years	6	1.2
25—34 years	5	1.0
35—44 years	13	2.8
45—54 years	41	8.1
55—64 years	77	15.7
65—74 years	145	29.6
75 and upwards	191	39.1

TOTAL 100.0

Table 11.

### STATISTICS OF THE PARISHES FORMING THE CHESTER-LE-STREET RURAL DISTRICT

	Pop. 1966 sample census	Acreage (acres)	Total No. of Inhab. houses	No. of Council Houses	Deaths
Biddick South	20	348	10	—	—
Birtley	11430	1429	4117	2248	141
Bournmoor	2480	513	908	312	17
Edmondsley	1040	2099	394	230	13
Harraton	3880	2669	1409	377	43
Lambton	140	697	103	—	4
Lamesley	3940	5679	1404	669	47
Lumley Great	3020	1642	949	527	18
Lumley Little	1130	875	374	10	14
Ouston	2850	641	964	271	20
Pelton	6020	926	2155	984	63
Plawsworth	1780	1248	493	248	17
Sacriston	4410	910	1568	638	76
Urpeth	1520	1825	565	167	16
Waldridge	410	725	172	—	1
	44070	22226	15585	6681	490

Table 12

## Infectious disease notification since 1958

Disease	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Food Poisoning ...	—	—	—	2	3	2	43	2	1	—
Smallpox ...	57	18	9	5	3	10	51	39	10	10
Scarlet Fever ...	—	—	—	—	—	—	—	2	—	—
Diphtheria ...	—	—	2	1	—	—	—	3	—	3
Enteric Fever ...	3	1	4	1	1	—	1	—	—	—
Meningococcal Infection	1	—	—	—	—	—	—	—	—	—
Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica	39	34	35	32	15	36	12	4	—	1
Pneumonia ...	1	3	2	1	—	2	3	—	1	—
Puerperal Pyrexia ...	2	1	—	—	1	3	2	—	—	—
Erysipelas ...	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	12	6	—	2	6	38	8	10	7	8
Dysentery ...	41	22	26	10	25	13	10	8	16	9
Tuberculosis-pulmonary	3	2	5	2	1	3	2	2	1	—
Non-pulmonary	10	566	31	681	27	478	127	709	245	222
Measles ...	91	53	64	31	13	16	18	8	20	5
Whooping Cough ...	—	—	—	—	—	—	—	—	—	—
Malaria ...	—	—	—	—	—	—	—	—	—	—
†Diagnosis not confirmed	17	6	3	5	5	11	7	1	1	—

‡ Due to Quarterly Infectious Return

Table 13

## ANNUAL REPORT — INFECTIOUS DISEASES 1967

NOTIFIABLE DISEASES	AT AGES—YEARS								TOWNSHIPS													Total No. Notified	Removed to hospital																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Under 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	65 to 74	75 and up	January	February	March	April	May	June	July	August	September	October	November	December	Biddick South			Birtley	Burnmoor	Edmondsley	Harraton	Lambton	Lamesley	Lumley Great	Lumley Little	Ouston	Pelton	Plawsworth	Sacrison	Urpeth	Waldridge																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Table 14

## CANCER DEATHS 1967 (AGE GROUPS AND SITES)

Age Group	Buccal Cavity (A44)		Stomach (A46)		Intestines except Rectum (A47)		Rectum (A48)		Trachea Lungs ETL. (A50)		Breast (A51)	Uterus & 53	Prostate (A54)	All Others		Leukaemia	
	M	F	M	F	M	F	M	F	M	F	F	F	M	M	F	M	F
25—34																	
35—44									1			2	1				
45—54			1						3	1				3			
55—64	1	2			2				9		3			3	3		1
65—74				3	3		1		7	2	1			2	1	1	
75 & up	1	1	1	3	3	1	1		5		1		3	2	6	1	
Total	2	3	2	8	8	1		2	25	3	5	2	4	10	10	3	

N.B.—Group Nos. refer to intermediate list of 150 causes International Classification.

MALES 54 Females 34

Table 15

The following table gives the vital statistics of the district for 1967 and previous years:

Year	Estimated Resident population Mid-year	Births		Deaths		Infant Mortality Rate†	Maternal Mortality Rate ‡
		No.	crude Rate*	No.	crude Rate*		
1958	41,240	631	15.3	480	11.6	33	0.00
1959	41,550	666	16.0	444	10.7	38	0.00
1960	41,890	676	16.1	448	10.7	22	0.00
1961	41,240	687	16.6	453	10.9	23	0.00
1962	41,980	763	18.1	450	10.7	21	0.00
1963	43,090	751	17.1	502	11.7	23	0.00
1964	43,590	798	18.3	437	10.0	28	0.00
1965	44,310	779	17.6	456	10.3	21	0.00
1966	45,090	820	17.1	497	11.0	13	0.00
1967	45,680	783	17.1	490	10.7	14	0.00

\* Per 1,000 population (total).

† Per 1,000 live births (registered).

‡ Per 1,000 (live and still) births. (registered).

Table showing changes in certain Vital Statistics over a period.

Table 16

					1896	1921	1967
Population	...	...	...	...	58,000	71,580	45,680
Births	...	...	...	...	2,157	2,298	783
Crude Birth Rate	...	...	...	...	38.09	31.82	17.1
Deaths	...	...	...	...	1,083	851	490
Crude Death Rate	...	...	...	...	19.00	13.03	10.7
Infant Deaths	...	...	...	...	394	270	11
Infant Mortality Rate	...	...	...	...	128	117	14
Deaths from the seven principal							
Zymotic Diseases	...	...	...	...	212	126	—
Scarlet Fever Cases	...	...	...	...	553	378	10
Typhoid Fever Cases	...	...	...	...	108	6	—
Diphtheria Cases	...	...	...	...	57	130	—



Table 17

New cases and mortality from Tuberculosis during 1967:—

Age Periods			New Cases				Deaths			
			pulmonary		Non-pulmonary		pulmonary		Non-pulmonary	
			M	F	M	F	M	F	M	F
Under 1	...		—	—	—	—	—	—	—	—
1—4	...		—	—	—	—	—	—	—	—
5—14	...		—	—	—	—	—	—	—	—
15—24	...		—	1	—	—	—	—	—	—
25—34	...		—	—	—	—	—	—	—	—
35—44	...		2	—	—	—	—	—	—	—
45—54	...		1	—	—	—	—	—	—	—
55—64	...		2	1	—	—	—	—	—	—
65—74	...		1	—	—	—	1	—	—	—
75 and over	...		1	—	—	—	1	1	—	—
Totals	...		7	2	—	—	2	1	—	—

Table 18

Notifications and deaths occurring in the Rural District during the past five years:

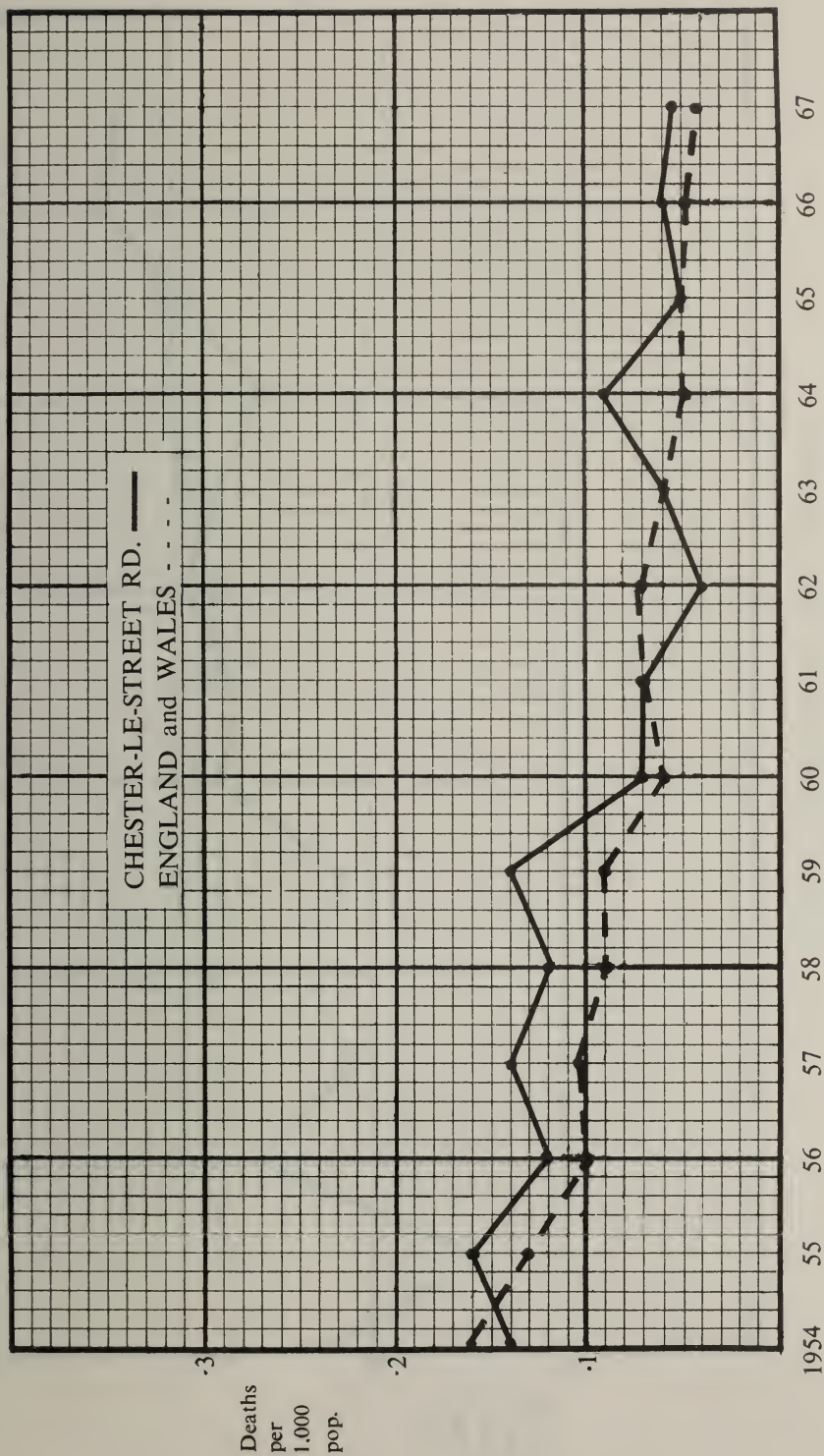
Year				Pulmonary Tuberculosis		Non-Pulmonary	
				Notifications	Deaths	Notifications	Deaths
1963	...	...	...	13	3	3	—
1964	...	...	...	10	4	2	—
1965	...	...	...	8	2	2	—
1966	...	...	...	17	3	—	—
1967	...	...	...	9	3	—	—

The number of cases on the Tuberculosis Register were as follows:—

			Pulmonary		Non-Pulmonary		Total
			M.	F.	M.	F.	
December 31st, 1963	...		123	89	17	24	253
December 31st, 1964	...		118	83	16	23	240
December 31st, 1965	...		119	83	17	25	244
December 31st, 1966	...		126	86	18	24	254
December 31st, 1967	...		121	86	18	24	249

\* 5.1 per 1,000 civilian population

# PULMONARY TUBERCULOSIS DEATH RATE—1954-1967



# INFANT MORTALITY RATE—1954-1967

